(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 17 June 2004 (17.06.2004)

PCT

(10) International Publication Number

(51) International Patent Classification7:

WO 2004/050625 A1

C07D 215/14

(21) International Application Number:

PCT/GB2003/005286

(22) International Filing Date: 4 December 2003 (04.12.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0228430.5 0229109.4 5 December 2002 (05.12.2002) GB

13 December 2002 (13.12.2002) GB

(71) Applicant (for all designated States except US): ARAKIS LTD. [GB/GB]; Chesterford Research Park, Little Chesterford, Saffron Walden, CB10 1KL (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BAXTER, Andrew, Douglas [GB/GB]; Arakis Ltd., Chesterford Research Park, Little Chesterford, Saffron Walden, CB10 1KL (GB). HARRIS, Michael, John [GB/GB]; Ultrafine, Synergy House, Guildhall Close, Manchester Science Park, Manchester M15 6SY (GB). BROWN, Stuart [GB/GB]; Ultrafine, Synergy House, Guildhall Close, Manchester Science Park, Manchester M15 6SY (GB).

- (74) Agent: GILL JENNINGS & EVERY; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

Internatic pilcation No PCT/GB 03/05286

			101/40 03/03280			
A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C07D215/14						
According to	International Patent Classification (IPC) or to both national classifica-	ation and IPC				
B. FIELDS SEARCHED						
Minimum documentation searched (classification system followed by classification symbols) IPC 7 C070						
	non searched other than minimum documentation to the extent that s					
	ata base consulted during the International search (name of data basternal, WPI Data, CHEM ABS Data, PAG		search terms used)			
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT					
Category *	Catation of document, with indication, where appropriate, of the rel	Relevant to claim No.				
X	CARROL ET AL: "Optical isomers of aryl-2-piperidylmethanol antimalarial agents. Preparation, optical purity, and absolute stereochemistry" JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY. WASHINGTON, US, vol. 17, no. 2, 1974, pages 210-219, XP002093258 ISSN: 0022-2623 cited in the application page 210, left-hand column, paragraph 3 EP 0 808 835 A (CHINOIN GYOGYSZER ES VEGYESZET (HU)) 26 November 1997 (1997-11-26) the whole document		1-8			
Further documents are listed in the continuation of box C. Patent family members are listed in annex.						
"A" docum consi "E" earlier filing "L" docum which citatio "O" docum other "P" docum later t	ategories of cited documents: tent defining the general state of the art which is not dered to be of particular relevance document but published on or after the international date ent which may throw doubts on priority claim(s) or a is cited to establish the publication date of another on or other special reason (as specified) sent referring to an oral disclosure, use, exhibition or means ent published prior to the international filing date but than the priority date claimed	T* tater document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention. X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone. Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. 8* document member of the same patent family Date of mailing of the international search report				
25 February 2004			04/03/2004			
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo ni,		Authorized officer Cortés, J				
I	Fax: (+31-70) 340-3016		cortes, J			

INTERNATIONAL SEARCH REPORT

Internatio plication No
PCT/GB 03/05286

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0808835 F	26-11-1997	HU 9601362 A2 EP 0808835 A1 NO 972291 A	02-03-1998 26-11-1997 24-11-1997